

Amendments to the Claims:

1. (Currently Amended) An anhydrous liquid tooth whitening composition comprising a peroxide-containing compound and an orally acceptable carrier wherein the carrier includes a humectant, a bioadhesive agent, and from 5 to 30% w/w of a film-forming component consisting essentially of a water-insoluble film-forming agent which is ethyl cellulose and a solvent for the film-forming agent, wherein the composition dries *in situ* to form an adherent film which sticks firmly to the teeth.
2. (Original) An anhydrous liquid tooth whitening composition according to claim 1 wherein the peroxide is selected from carbamide peroxide, and mixtures of carbamide peroxide with hydrogen peroxide and/or a hydrogen peroxide complex with vinyl pyrrolidone.
3. (Previously Presented) An anhydrous liquid tooth whitening composition according to claim 1 wherein the humectant is glycerin.
4. (Previously Presented) An anhydrous liquid tooth whitening composition according to claim 1 wherein the bioadhesive agent is selected from xanthan gum, a carbomer and PVP and its copolymers and mixtures thereof.
5. (Cancelled)
6. (Currently Amended) An anhydrous liquid tooth whitening composition according to claim 1 wherein the solvent for the film forming agent is ethanol.
7. (Cancelled)
8. (Cancelled)

9. (Previously Presented) A method of whitening teeth comprising:
- (a) preparing a tooth whitening composition according to claim 1;
  - (b) painting the composition onto teeth to be whitened;
  - (c) maintaining the composition in contact with the teeth for a plurality of hours per day; and then
  - (d) repeating steps b and c for multiple days to thereby whiten the teeth.
10. (Previously Presented) An anhydrous liquid tooth whitening composition according to claim 1 wherein the film forming agent is a water-insoluble microcrystalline cellulose, a poly(urethane) or a poly(acrylamide).